Index to Cartography and Geographic Information Systems, *Volume 17, 1990*

This index includes all principal articles and other items published in Volume 17 (1990) of *Cartography and Geographic Information Systems*. Principal articles and software reviews are indexed by title and author; other items are indexed by title only. Articles are referenced by the first author's name only. For the convenience of persons referring to unbound numbers of this journal, the issue number has been included after the volume number, followed by page numbers. The following summarizes page contents:

Volume 17: January 1990, No. 1, pages 1-136
April 1990, No. 2, pages 137-204
July 1990, No. 3, pages 205-264
October 1990, No. 4, pages 265-336

ADDENDA

ARTICLES

SOFTWARE REVIEWS

ARCHER, J. CLARK, SYSTAT/SYGRAPH, 17:4, 306-310.

DEMERS, MICHAEL N., DRAFIX CAD ULTRA, 17:1, 114-116.

DUFFY, STAN, Microcomputer-Based Automated Projection System (M.A.P.S.), 17:1, 116-117.

HODLER, THOMAS W., SURFER, 17:3, 251-254.

LINDENBERG, RICHARD E., DESIGNER, 17:3, 249-251.

SPECIAL REPORTS

Spatial Data Needs: The Future of the National Mapping Program, JOHN D. BOSSLER, THOMAS C. FINNIE, BARBARA B. PETCHENIK, and THOMAS M. USSELMAN, 17:3, 237-242.

The Modernization Program of the U.S. Geological Survey's National Mapping Division, K. ERIC ANDERSON and GEORGE M. CALLAHAN, 17:3, 243-248.

TECHNICAL NOTE

The Robinson Projection—A Computation Algorithm, JOHN P. SNYDER, 17:4, 301-305 (See correction note re: Figure 1, 18:1, 87).